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Abbreviations

abs.	abstract	hkg	hectokilogram	pp.	pages
ac	acre	h.p.	horse power	ppm	parts per million
a.e.	acid equivalent	in.	inch	ppmv	parts per million by volume
a.i.	active ingredient	in^2	square inch	ppmw	parts per million by weight
bibl.	bibliography	kg	kilogram	pre-em.	pre-emergence
b.p.	boiling point	l.	litre	r.h.	relative humidity
bu	bushel	LD_{50}	median lethal dose	s	second
C	Centigrade	lb	pound	s.	summary
conc.	concentrated	M	molar concentration	sp.	species
concn	concentration	m	metre	spp.	species (plural)
cv.	cultivar(s)	m-	milli- ($\times 10^{-3}$)	ssp.	subspecies
cwt	hundredweight	μ-	micro- ($\times 10^{-6}$)	temp.	temperature
d.b.h.	diameter at breast height	m^2	square metre	u.v.	ultra-violet
diam.	diameter	mg	milligram	var.	*varietas*
d.m.	dry matter	min	minute	vol.	volume
e.c.	emulsifiable concentrate	ml	millilitre	wt.	weight
F	Fahrenheit	mm	millimetre	w.p.	wettable powder
F.s.	From summary	m.p.	melting point	yd	yard
ft	foot	N	normal concentration	>	more than
ft^2	square foot	n.d.	not dated	<	less than
g	gram	o.m.	organic matter	±	with or without
gal	gallon	oz	ounce	#	pound per acre
h	hour	p.	page	%	percent(age)
ha	hectare	post-em.	post-emergence		

Abbreviations for the names of units are the same in the singular and the plural

Languages

An initial capital denotes the language of the paper, a small letter the language of the summary.

A	Afrikaans	Fin	Finnish	It	Italian	R	Russian
B	Bulgarian	Fl	Flemish	Jap	Japanese	S.-Cr	Serbo-Croat
Cz	Czechoslovakian	Fr	French	Nor	Norwegian	Span	Spanish
Dan	Danish	G	German	P	Polish	Sw	Swedish
Du	Dutch	H	Hungarian	Por	Portuguese	Turk	Turkish
E	English	He	Hebrew	Ro	Romanian		

Where there is more than one author to a paper, the address given refers only to the first and is normally the address where the work was carried out.

Where abstracts have been taken in their entirety from other abstract journals, the acknowledgement follows the abstract thus: *Herb. Abstr.* **2:** 163; where a modified verion of the abstract is used, the acknowledgements is preceded by the word "From", e.g. From *Biol. Abstr.* **2:** 294.

Unless otherwise stated, rates of application for growth-regulator herbicides such as 2,4-D, MCPA, fenoprop, dalapon, the benzoics, etc. are given as the acid equivalent. Rates for other herbicides such as the ureas, carbamates, triazines, etc. are given as the active ingredient. Rates for the bipyridyls refer to the cation, only.

List of common names and abbreviations used for herbicides in Weed Abstracts

An asterisk (*) signifies approval by the British Standards Institution (BSI)
A dagger (†) signifies approval by the Weed Society of America (WSA)
Where the name approved by the WSA differs from that approved by the BSI, the WSA name is given in brackets after the chemical name.

acrolein†	acrylaldehyde
ametryne*†	4-ethylamino-6-isopropylamino-2-methylthio-1,3,5-triazine
aminotriazole*	3-amino-1,2,4-triazole (amitrole)
amitrole-T	3-amino-1,2,4-triazole + NH_4SCN
AMS†	ammonium sulphamate
asulam*	*N*-(4-aminobenzenesulphonyl) methylcarbamate
atraton*	4-ethylamino-6-isopropylamino-2-methoxy-1,3,5-triazine (atratone)
atrazine*†	2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine
barban*†	4-chlorobut-2-ynyl *N*-(3-chlorophenyl)carbamate
benazolin*	4-chloro-2-oxobenzothiazolin-3-ylacetic acid
BiPC	1-methylprop-2-ynyl *N*-(3-chlorophenyl)carbamate
bromacil*†	5-bromo-6-methyl-3-(1-methyl-n-propyl) uracil
bromoxynil*	3,5-dibromo-4-hydroxybenzonitrile
buturon*†	*N′*-(4-chlorophenyl)-*N*-isobutinyl-*N*-methylurea
CDAA†	*NN*-diallylchloroacetamide
CDEA†	*NN*-diethylchloroacetamide
CDEC†	2-chloroallyl *NN*-diethyl-dithiocarbamate
chloramben*	3-amino-2,5-dichlorobenzoic acid (amiben)
chlorazine*†	2-chloro-4,6-bisdiethylamino-1,3,5-triazine
chlordane*†	1,2,4,5,6,7,10,10-octachloro-4,7,8,9-tetrahydro-4,7-methyleneindane
chlorflurazole*	4,5-dichloro-2-trifluoromethylbenzimidazole
chloroxuron*†	*N′*-4-(4-chlorophenoxy)phenyl-*NN*-dimethylurea
chlorpropham*	isopropyl *N*-(3-chlorophenyl)carbamate (CIPC)
chlorthal*	2,3,5,6-tetrachloroterephthalic acid
chlorthiamid*	2,6-dichlorothiobenzamide
4-CPA*†	4-chlorophenoxyacetic acid
cycluron*†	*N′*-cyclo-octyl-*NN*-dimethylurea
cypromid†	3,4-dichlorocyclopropanecarboxanilide
2,4-D*†	2,4-dichlorophenoxyacetic acid
dalapon*†	2,2-dichloropropionic acid
dazomet*	3,4,5,6-tetrahydro-3,5-dimethyl-2-thio-2*H*-1,3,5-thiadiazine (DMTT)
2,4-DB*†	4-(2,4-dichlorophenoxy)butyric acid
DCU†	dichloral urea
2,4-DEP†	tris-(2,4-dichlorophenoxyethyl)phosphite
2,4-DES*	2-(2,4-dichlorophenoxy)ethyl hydrogen sulphate (sesone)
desmetryne*†	4-isopropylamino-6-methylamino-2-methylthio-1,3,5-triazine
di-allate*	*S*-2,3-dichloroallyl *NN*-di-isopropylthiocarbamate
dicamba*†	3,6-dichloro-2-methoxybenzoic acid
dichlobenil*†	2,6-dichlorobenzonitrile
dichlone*†	2,3-dichloro-1,4-naphthaquinone
dichlorprop*	(±) 2-(2,4-dichlorophenoxy)propionic acid
dicryl†	*N*-(3,4-dichlorophenyl)methacrylamide
difenoxuron	*N′*-4-(4-methoxyphenoxy)phenyl-*NN*-dimethylurea
dimexan*	di(methoxythiocarbonyl)disulphide
dinosam*	2-(1-methyl-n-butyl)-4,6-dinitrophenol (DNAP)
dinoseb*	2-(1-methylpropyl)-4,6-dinitrophenol (DNBP)
diphenamid*	*NN*-dimethyl-αα-diphenylacetamide
diphenatrile†	diphenylacetonitrile
dipropalin†	2,6-dinitro-*NN*-dipropyl-4-methylaniline
diquat*†	9,10-dihydro-8a,10a-diazoniaphenanthrene-2*A*
diuron*†	*N′*-(3,4-dichlorophenyl)-*NN*-dimethylurea
DMPA†	*O*-(2,4-dichlorophenyl) *O′*-methyl *N*-isopropyl phosphoroamidothioate
DNOC*	2-methyl-4,6-dinitrophenol (DNC)
endothal*†	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC†	*S*-ethyl *NN*-dipropylthiolcabramate
erbon†	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
etinofen*	2-ethoxymethyl-4,6-dinitrophenol
EXD†	di(ethoxythiocarbonyl) disulphide
fenac†	2,3,6-trichlorophenylacetic acid
fenoprop*	(±) 2-(2,4,5-trichlorophenoxy)propionic acid (silvex)
fenuron*†	*NN*-dimethyl-*N′*-phenylurea
fenuron-TCA†	*NN*-dimethyl-*N′*-phenyluronium trichloroacetate
fluometuron	*N′*-(3-trifluoromethylphenyl)-*NN*-dimethylurea
IAA	indolyl acetic acid
ioxynil*†	4-hydroxy-3,5-di-iodobenzonitrile
ipazine*†	2-chloro-4-diethylamino-6-isopropylamino-1,3,5-triazine
isocil*†	5-bromo-3-isopropyl-6-methyluracil

lenacil*†	3-cyclohexyl-6,7-dihydro-1*H*-cyclopentapyrimidine-2,4-(3*H*,5*H*)dione
linuron*†	*N′*-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methylurea
MCPA*†	4-chloro-2-methylphenoxyacetic acid
MCPB*†	4-(4-chloro-2-methylphenoxy)butyric acid
mecoprop*	(±) 2-(4-chloro-2-methylphenoxy)propionic acid (MCPP)
metham*	*N*-methyldithiocarbamic acid (SMDC)
methometon	2-methoxy-4,6-bis(3-methoxypropylamino)-1,3,5-triazine
methoprotryne	4-isopropylamino-6-(3-methoxypropylamino)-2-methylthio-1,3,5-triazine
metobromuron	*N′*-(4-bromophenyl)-*N*-methoxy-*N*-methylurea
MH†	1,2,3,6-tetrahydro-3,6-dioxopyridazine
monalide*	*N*-(4-chlorophenyl)-2,2-dimethylvaleramide
monolinuron*†	*N′*-(4-chlorophenyl)-*N*-methoxy-*N*-methylurea
monuron*†	*N′*-(4-chlorophenyl)-*NN*-dimethylurea
monuron-TCA†	*N′*-(4-chlorophenyl)-*NN*-dimethyluronium trichloroacetate
morfamquat	1,1′-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4′-bipyridylium-2*A*
NAA	naphthyl acetic acid
naptalam*	*N*-1-naphthylphthalamic acid (NPA)
neburon*†	*N*-butyl-*N′*-(3,4-dichlorophenyl)-*N*-methylurea
nitrofen*	2,4-dichlorophenyl 4- nitrophenyl ether
norea†	*N′*-(hexahydro-4,7-methanoindan-5-yl)-*NN*-dimethylurea
paraquat*†	1,1′-dimethyl-4,4′-bipyridylium-2*A*
PCP†	pentachlorophenol
pebulate†	*S*-propyl *N*-butyl-*N*-ethylthiolcarbamate
picloram*†	4-amino-3,5,6-trichloropicolinic acid
prometon*	4,6-bisisopropylamino-2-methoxy-1,3,5-triazine (prometone)
prometryne*†	4,6-bisisopropylamino-2-methylthio-1,3,5-triazine
propanil†	*N*-(3,4-dichlorophenyl) propionamide
propazine*†	2-chloro-4,6-bisisopropylamino-1,3,5-triazine
propham*	isopropyl *N*-phenylcarbamate (IPC)
proxan*	*M*-isopropyl xanthate (IPX)
pyrazon*†	5-amino-4-chloro-2-phenyl-3-pyridazone
siduron†	*N*-(2-methylcyclohexyl)-*N′*-phenylurea
simazine*†	2-chloro-4,6-bisethylamino-1,3,5-triazine
simeton*	4,6-bisethylamino-2-methoxy-1,3,5-triazine (simetone)
simetryne*†	4,6-bisethylamino-2-methylthio-1,3,5-triazine
SMA	sodium monochloroacetate
solan†	*N*-(3-chloro-4-methylphenyl)-2-methylpentanamide
swep†	methyl-*N*-(3,4-dichlorophenyl) carbamate
2,4,5-T*†	2,4,5-trichlorophenoxyacetic acid
2,4,5-TB*†	4-(2,4,5-trichlorophenoxy) butyric acid
2,3,6-TBA†	2,3,6-trichlorobenzoic acid
TCA†	trichloroacetic acid
2,4,5-TES†	2-(2,4,5-trichlorophenoxy)ethyl hydrogen sulphate
tri-allate*†	*S*-2,3,3-trichloroallyl *NN*-di-isopropylthiolcarbamate
tricamba*†	3,5,6-trichloro-2-methoxybenzoic acid
trietazine*†	2-chloro-4-diethylamino-6-ethylamino-1,3,5-triazine
trifluralin*†	2,6-dinitro-*NN*-dipropyl-4-trifluoromethylaniline
trimeturon*†	*N′*-(4-chlorophenyl)-*ONN*-trimethylisourea

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SUBJECT INDEX

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